

ABSTRACT

PURPOSE: To accelerate speed for inputting/outputting image data in a system to keep medical images in an assembled type optical disk device.

CONSTITUTION: A host computer 2 keeps the medical images as permanent data by an assembled type optical disk device 25. However, and input file 24 for image input and an output file 27 for image output are provided on a magnetic disk device as temporary memories. Images inputted from an image input terminal 3A-3M are stored in the input file. When the load of the system is small (at night or the like), the input images in the input file are inputted to an optical disk. Similarly, a reservation image is extracted from the optical disk to the output file based on a reservation information file 26. Image display terminals 1A-1N take out the reservation image from the output file.

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MEDICAL IMAGE FILING SYSTEM

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ABSTRACT

PURPOSE: To automatize the exchange of an optical disk and to automatically classify and record the image of an image diagnostic device at every modality or machine specification by connecting plural different image diagnostic devices to an optical disk auto-changer.

CONSTITUTION: The housing of a DRAW in a slot 9 on the auto-changer 3, the return of the DRAW from the auto-changer 3, the loading of the DRAW on a built-in optical disk drive 10 mentioned later, and the removal of the DRAW from the disk drive 10 are instructed by an operator console 5. The optical disk auto-changer 3 is comprised of the slot 9 in which the DRAW is housed, the built-in optical disk drive 10, and a DRAW carrier mechanism 11. Since the plural different image diagnostic devices are connected to the optical disk auto-changer 3, the image of the image diagnostic device 1 at every modality or machine specification can be automatically classified and recorded on a dedicated optical disk. Therefore, it is possible to shorten a time for the recording of the image and to realize labor saving and a low cost.

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PICTURE FILING DEVICE FOR MEDICAL USE

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ABSTRACT

PURPOSE: To easily execute picture display in an inspection unit at thigh speed by providing a control means to store a photographed picture in a filing means in the inspection unit after adding unique picture display